

SOLAR CHARGE CONTROLLER

SPECIALIZED FOR SOLAR PV POWER SYSTEM

MPPT

RG-PT SERIES



**New
MODEL**



FEATURES

- Advanced Max. Power Point Tracking (MPPT) technology, with max. conversion efficiency of 99%.
- Ultra-fast tracking speed and guaranteed tracking efficiency.
- Accurately recognizing and tracking of multiple power points.
- Reliable automatic limit function of max. PV input power, ensuring no overload.
- 12V/24V automatically identifying system voltage.
- Big colorful LED screen displays both PV input current and battery charging current, for user easy read the efficiency increased.
- Battery temperature compensation function.

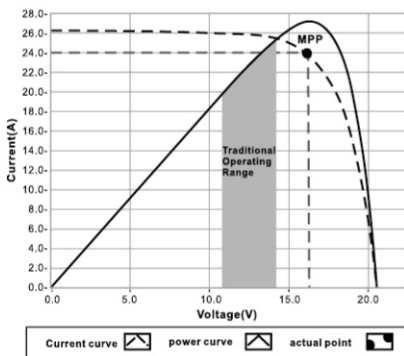


Figure 1-2 Maximum Power Point Curve

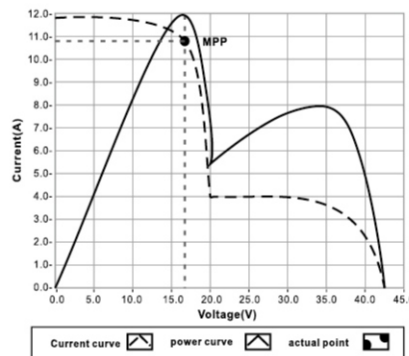


Figure 1-3 Multi-MPP Curve

RG-PT SERIES

Over-charge, over-discharge, reverse-connect protection. 4 pcs of 5V2A usb output, can charge 4 pcs of mobile phone at the same time quickly. With RS-485 communication bus interface and Modbus communication protocol, it is available to meet various communication requirements in different situations.

Model	RG-PT10	RG-PT20	RG-PT30	RG-PT40	RG-PT50	RG-PT60
Max.Input Voltage	<100V				<150V	
Battery Voltage	12V/24V				12V/24V·12V/24V/48V	
Max.Input Current	10A	20A	30A	40A	50A	60A
PV Max Input Power	12V 130W;24V 260W	12V 260W;24V 520W	12V 390W;24V 780W	12V 520W;24V 1040W	12V 650W;24V 1300W;48V 2600W	12V 780W;24V 1560W;48V 3120W
Over-charge Point	14.7V/25.2V				14.7V/25.2V/58.8V	
Over-discharge Point	10.5V/21V				10.5V/21V/42V	
Resume Work Point	12.3V/24.6V				12.3V/24.6V/49.2V	
Charge Mode	MPPT					
PCS/Cartron	20				16	
No Load Loss	<20MA		<30MA		<40MA	
Temp.Compensation	-4mV/cell/℃					
G.W(Kg/Cartron)	19	21	26	30	37	42
Carton Dimension	47*34.5*32CM		52*36*34.5CM		58*40*31.5CM	